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(real-time or "real time" or realtime) and event

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[eDrilling used on Ekofisk for Real-Time Drilling Supervision, Simulation, 3D ...](#)

R Rommetveit, KS Bjørkevoll, S Odegaard, M ... - Intelligent Energy ..., 2008 - onepetro.org
 ... Drilling Bit passing Casing shoe 2D view showing RealTime Simulator results, diagnosis icons and Forward ... like gain, loss, poor hole cleaning, getting stuck, instable wellbore, etc., before the events are actually ... We think that through the use of rig data in real time, one can take a ...

[Cited by 4 - Related articles](#)[Run-time support for heterogeneous multitasking on reconfigurable SoCs](#)

T Marescaux, V Nollet, JV Mignolet, A Bartic, W ... - Integration, the VLSI ..., 2004 - Elsevier
 ... This is a call-back function that allows the computing resource to signal exceptions to the ... Furthermore, the computing unit descriptor allows the OS to monitor the state of the computing ... assigns tasks to computing resources in response to timer ticks and external events (eg user ...
[Cited by 35 - Related articles - All 6 versions](#)

[\[PDF\] CoRoBa, a multi mobile robot control and simulation framework](#)[i-techonline.com \[PDF\]](#)

E Colon, H Sahli, Y Baudoin - International Journal of ..., 2006 - hum.i-techonline.com
 ... Hierarchical Control Pattern uses two types of interfaces: control interfaces that monitor and control ... This pattern has many advantages and is supported by virtually all real-time operating systems. ... server and finally forwards the kinematics information via the output event channel ...
[Cited by 12 - Related articles - View as HTML - All 6 versions](#)

[\[PDF\] 3d game engines as a new reality](#)[psu.edu \[PDF\]](#)

D Johnston - Proceedings of the 4th Annual CM316 Conference on ... - Citeseer
 ... area within the GW, or to use digital sound processing (DSP) on particular events. ... segregation to maintain performance, but shows that such a large-scale, real-time complex world ... Commercial virtual reality systems commonly use gloves or laser systems to monitor the position ...
[Cited by 5 - Related articles - View as HTML - All 3 versions](#)

[\[PDF\] Distributed real-time vehicle validation](#)[alkit.se \[PDF\]](#)

M Nybacka, T Larsson, M Johanson, P Törnlind - proceedings of IDETC/CIE, 2006 - alkit.se
 ... Changing colors of parts when special events occur, eg when systems fail or when the brakes ... and communication Matlab/Simulink is used as the communication interface between ADAMS/Car RealTime, the visualization tool AgentFX™ and the real-time data input ...
[Cited by 3 - Related articles - View as HTML - All 2 versions](#)

Automatic Real-Time Drilling Supervision, Simulation, 3D Visualization, and ...

R Rommetveit, KS Bjørkevoll, S Odegaard, M ... - IADC/SPE Drilling ..., 2008 - onepetro.org

... is easy access to very advanced modeling for drilling crew and experts who monitor operations from ... of a more automatic diagnosis system, which combines results from modeling and real time data to give early warnings on and reliable interpretation of unwanted events. ...

Cited by 2 - Related articles

[PDF] Reflection Models in Real-Time Graphics

[psu.edu \[PDF\]](#)

JJ Kainulainen - 2003 - Citeseer

... Figure 21: Single scattering component: a single scattering event has occurred. ... 37 ... This thesis concentrates on real-time graphics. By real-time we mean the capability to ... It is also argued that this is not enough and nowadays, on a computer monitor, a more sufficient ...

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[PDF] Using Computer Vision to Enhance Existing Knowledge of an Environment

[psu.edu \[PDF\]](#)

TA Meyer - CIRAS, Singapore, 2003 - Citeseer

... desktop computers, the versatility of synthetic characters is now within the range of real-time stage performances. ... The stage that the vision system must monitor has an area ten metres wide by five ... In addition, in this particular domain, it is likely that most events of interest will ...

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[PDF] Synthetic movies for computer vision applications

[psu.edu \[PDF\]](#)

A Santuari, O Lanz, R Brunelli - Proceedings of the 3rd IASTED International ... - Citeseer

... ABSTRACT This paper presents a real time graphical simulator based on a client-server ... surveillance systems based on distributed multi camera systems for museum monitoring. ...

Furthermore, the impact of local events (such as overcrowding) on group trajectories cannot be ...

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[PDF] Real-time, 3D visualization drilling supervision system targets ECD, ...

[drillingcontractor.org \[PDF\]](#)

RT MODELING - drillingcontractor.org

... Figure 1: eDrilling uses all available real-time drilling data to monitor and optimize the ... rate estimated pore pressure profile, the system would give early warnings on these events. ... The availability of real time-enabled advanced models and methods prepare the way for much a ...

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Method and apparatus for real-time video editing using a graphics processor

L Trottier, M St-Pierre, A Laframboise, J ... - US Patent ..., 2004 - Google Patents

... frames and reducing an amount of video effect processing, so as to maintain realtime output from ... video data storage 31, The codec 12 insures that the video streams are real-time video streams. ...

A service routine is called and a system event is signalled when the interruption is ...

Related articles - All 2 versions

Processing real-time command information

AE Gruber, SL Morein - US Patent App. 10/791,519, 2004 - Google Patents

... 22,2005 Sheet 2 of 6 US 20050210172 A1 160 166 REALTIME EVENT COMMAND BUFFER ...

The real time event engines, 174 and 176, monitor for a specific real time event. The event signals 184a-184i/represent various events occurring within the system, for example timing ...

[All 2 versions](#)

[\[PDF\]](#) ... Scan Data for Use as Avatars in Real-Time Networked Virtual Environments

[movesinstitute.org](#) [\[PDF\]](#)

JA Dutton - 2001 - movesinstitute.org

... be controlled via pre-scripted movements, such as the VRML H-Anim specification [Ref. 6], or made to shadow the controlling person's movement via real-time motion capture [Ref. ... The application could monitor their swing, and point out weaknesses and areas of improvement. ...

[View as HTML](#) - [All 11 versions](#)

Method and apparatus for storage and distribution of real estate related data

TM Harris, DV Baker, ST Refsland - US Patent App. 11/267,042, 2005 - Google Patents

... interconnected hardware modules or devices with related control and data signals communicated between ... estate property and GeoPoint information can be available on demand in real-time via a ... In the event that web services become available to access MLS data, streamlined ...

[All 2 versions](#)

System, method, software arrangement and computer-accessible medium for ...

S Rosenthal, C Bregler, C Castiglia, J De ... - US Patent App. 11/ ..., 2006 - Google Patents

... The state data may be obtained in real time. [0009] In certain exemplary embodiments of the present invention, game-related events can be obtained from the monitoring data and provided to applications which may include entertainment experiences. ...

[All 2 versions](#)

Research on the Framework of the Crane's Virtual Design System and Its Key ...

W Guoqian, T Qiuhua, C ... - ... on Robotics and ..., 2006 - doi.ieeecomputersociety.org

... 3D computer graphics, image processing, sound, network, real-time control, and so on[1]. With VR technology, a user-friendly interface can be created for ... Superior observers and callbacks to retrieve BS Contact signals and resume ... Extensions to VRML97 events to retrieve ...

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Flexible video editing architecture with software video effect filter components

L Trottier, M St-Pierre, A Laframboise, J ... - US Patent ..., 2004 - Google Patents

... at least two video inputs of the graphics processor when the apparatus is operating in a realtime video editing ... The codec 12 insures that the video streams are real-time video streams. ... A service routine is called and a system event is signalled when the interruption is generated. ...

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[\[PDF\]](#) VoIP Immersive 3D Monitoring and Management

[googlecode.com](#) [\[PDF\]](#)

C Javier, A Huebner - lams-ah-cj.googlecode.com

... and graph functions are used to monitor the state of a CISCO VoIP system. ... telephony system. The

virtual world will change and react in real time to the activities of ... Network administrators will be alerted to events in the telephony system through highly-visible activity ...

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[Integrating the Wii controller with enJine: 3D interfaces extending the frontiers of a ...](#)

J Bernandes, R Nakamura, D Cabral, D ... - ... in Entertainment (CIE ..., 2009 - portal.acm.org
... seen directly or captured in video, and virtual elements in a scene interactively and in real time, with 3D ... Actually, Cabral's system uses 2D trajectories while Wiimote can monitor 3D motion ... a virtual reality glove, for instance, could be used to generate a mouse button press event ...

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[psu.edu \[PDF\]](#)

[Initial lessons from AR Façade, an interactive augmented reality drama](#)

S Dow, M Mehta, A Lausier, B MacIntyre, ... - Proceedings of the ..., 2006 - portal.acm.org
... Like contemporary games, Façade is set in a simulated world with real-time 3D animation and ... tension, crisis, climax, and denouement, independent of the details of exactly what events occur in any ... visitors simply trailed behind the current player to see the laptop monitor on his ...

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[uva.nl \[PDF\]](#)

[\[PDF\] Models and basic animations for characters](#)

E André, R Bühlig, N Bee, M Wissner, M Häring - hcs.science.uva.nl
... As the DynaLearn development addresses both with the Horde3D real-time client and the Flash based animation ... can also be exported to the Horde3D engine and used to animate the avatars in realtime. ... Animations of this type show an actual act and displays events or activities ...

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[stanford.edu \[PDF\]](#)

[\[PDF\] Triologue: A Communication among Nature, Humans, and Virtual Life](#)

Z Lee, J Chang - corma.stanford.edu
... Each subject conducts an artistic event by producing music or images. ... The sounds are dynamically changed in real-time according to the interactions among the three beings. ... Hau Simulator outputs the words on one monitor placed on one side of Au's fish bowl, too. ...

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[i-techonline.com \[PDF\]](#)

[\[PDF\] FC Portugal-High-level Coordination Methodologies in Soccer Robotics](#)

N Lau, LP Reis - Robotic Soccer - ars.i-techonline.com
... or load variations among the machines – SPADES ensure that the events are processed ... included in this setup (Vision Based Self Localization, Data Fusion, Real-Time Control, Decision ... responsible for controlling the socket connections with the clients, the monitor, the camera ...

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[udg.mx \[PDF\]](#)

[\[PDF\] DVRMedia2 Virtual Reality Advanced Editor For Crowded Worlds](#)

MEZ Villa - dti.cucea.udg.mx
... 18], that allows loading in the environment, hundreds towns of synthetic personages in real time, or the ... controlled by different users, who obviously react differently to any actions and event developed in ... dots of color, called the raster, which can be viewed on a monitor, paper or ...

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[\[PDF\]](#) Ambient Intelligence on the Dance Floor

[magyweb.net](#) [PDF]

MS El-Nasr, T Vasilakos - magyweb.net

... body to drive music and media events is not new in the contemporary performing arts addressing ...

They used motion capture to animate the character in real-time. ... wearable body monitor that enables continuous collection of low-level physiological data, including heat flux, skin ...

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[\[PDF\]](#) Distributed Graphical Engine for the "Soundscape" Immersive Environment

[epierre.ca](#) [PDF]

J Cooperstock, PO Charlebois - epierre.ca

... channels. How can composers take full advantage of such systems in real time? Jean-Marc

Pelletier from the International Academy of Media Arts & Sciences attempts to ... realtime. ... thread is spawned to monitor a given socket for new incoming messages. This thread will be ...

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[\[PDF\]](#) The Rehabilitation Gaming System

[upf.edu](#) [PDF]

SC Mónica, SB i BADIA, ED OLLER, PFMJ ... - specs.upf.edu

... Thus, the calibration task is well suited to evaluate and monitor the evolution of patients over ... These results indicate that there is an arousal prior to a missed sphere event that could ... Therefore, it would be possible to use this biofeedback information in real time to modify game ...

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Data Integration and Visualization for Crisis Applications

R Meisner, S Lang, E Jungert, A Almer, D Tieke, ... - Remote Sensing from ..., 2009 - Springer

... as a "computer network of many spatially distributed devices using sensors to monitor conditions

at ... To bring such events to their ends will require information often coming from a ... quality renderings

+ Highly adaptable via Scripts and Plug-ins + Export of real-time formats via ...

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[\[PDF\]](#) Mobile Internet for the Multimedia Enterprise (MobIME)

[psu.edu](#) [PDF]

X Su, BS Prabhu, R Gadh - Citeseer

... X3D is an open 3D graphics standard based on XML for enabling real-time communication of

3D graphics across different applications. It can be used ... Fill Yes Yes No Transformation Yes Yes

Limited Event Yes Yes No ... group leader can use it to monitor progress of a project or ...

[View as HTML](#) - All 2 versions

Dynamic clock control circuit for graphics engine clock and memory clock and ...

O Khodorkovsky - US Patent 7,343,508, 2008 - Google Patents

... a TV tuner is providing a video signal to the video capture engine, the video signal should be processed in real time to facilitate display in real time. ... standby/ suspend mode, as activated through a graphic user interface, software controlled timer, switch or other trigger event ...

All 2 versions

Dynamic clock control circuit and method

M Bounitch - US Patent App. 10/902,344, 2004 - Google Patents

... For example, video capture operations and gaming applications operate in real-time on a ... for generating a corresponding graphics engine clock signal, other than the memory clock signal. ... through a graphic user interface, software controlled timer, switch or other trigger event.

All 2 versions

A collaborative driving system based on multiagent modelling and simulation

ulaval.ca [PDF]

S.Halle, B.Chaib-draa / Transportation Research Part C: 2005 / Elsevier

... sensor model, used for high-level navigation, is a GPS, which gives real-time information on ... The sub-layer schedules driving actions (in time or according to events) that are locally ... road-side system composed of infrastructure equipments like sign boards, traffic signals and the

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Bringing tabletop technologies to kindergarten children

| Marco E Cerezo, S Baldassarri, E - Proceedings of the 2009 - portal.acm.org

... is a 3D engine for the management of virtual environments and virtual characters in real time. A child in understanding positive feedback to their action even when not looking at the monitor. ... to facilitate the correspondence between the actions on the tablet and the events in the

Dynamic clock control circuit and method

Khaderkousky, U.S. Patent App. 11/938,111, 2007, Google Patents

... a TV tuner is providing a video signal to the video capture engine, the video signal should be processed in real time to facilitate display in real time ... standby/suspend mode, as activated through a graphic user interface, software controlled timer, switch or other trigger event.

All 8 versions

Collaborative driving system using teamwork for platoon formations

nsu.edu [PDF]

S. Halle, B. Chaib-draa, Proceedings of AAMAS'04 Workshop on Agents 2004, Springer

Traffic Control Layer (Road side ITS equipment) Manners, rules, ethic Traffic real-time information

This sub-layer schedules driving actions (in time or according to events) that are locally executed.

by sending "desired state" queries to the

Integration of a 3D rendering engine

A Montaflola Lacort - 2009 - recercat.net
... of the state of a single shared physical world between a set of clients. Real time protocols built over UDP are preferably used instead of those over ... the scene object

and to react when an event happens. For example,

© Higher Education Division, The Chinese University of Hong Kong

Graphic system comprising a pipelined graphic engine, pipelining method and ...

D Sironi, DP Pau, P Gardella, M Barone, ... - US Patent App. 10/..., 2004 - Google Patents

stage, and the ... The 3D scene is displayed on a monitor by a bi-dimensional grid of pixels, each ...

[0073] The frame interpolation index NIF can be computed in real time by measuring ...

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[\[PDF\]](#) A Java 3D Framework for Digital Television Set-top Box

[psu.edu](#) [\[PDF\]](#)

Y Zhang - Unpublished masters thesis, Helsinki University of ..., 2003 - Citeseer

... memory, and a dedicated graphics card to process and render audio and video signal in realtime. ...

Real-time operating system: The operating system in a STB manages all the hardware ...

Event-driven model is wildly used in STB operating system design to fulfil the requirement ...

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[\[PDF\]](#) Master of Architecture

[cristianenova.net](#) [\[PDF\]](#)

I Regress - 2006 - cristianenova.net

... players needed to relate the digital events to real world experience. Wrap-around space ...

First-person viewing means that the view on the monitor is the view that the character in ... time rendering creates highly realistic, polygon efficient models/objects/environments for gaming. ...

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[\[PDF\]](#) Issues involved in real-time rendering of virtual environments

[psu.edu](#) [\[PDF\]](#)

P Malhotra - 2002 - Citeseer

Page 1. Issues involved in Real-Time Rendering of Virtual Environments Priya Malhotra ... College

of Architecture and Urban Studies Blacksburg, Virginia Keywords: Real-time rendering, virtual

environments, photo-realism, optimization Copyright © 2002, Priya Malhotra Page 2. ...

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[\[PDF\]](#) 3D Case Tool An interesting view on debugging

[psu.edu](#) [\[PDF\]](#)

M Edvardsson - Citeseer

... A monitor.erl ... ZEUS (2)) is constructed on the idea of "interesting events" that must be annotated by the visualizer in the code ... I started out with the idea that if possible should make the visualizations in real-time, i.e when a process executes an instruction it shall also show in my ...

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System and method of synchronizing multiple buffers for display

TA Dye, MX Cui, BA May... - US Patent 5,969,728, 1999 - Google Patents

... engine that renders the retrieved display lists. The display 40 FIG? K? slmPMed diagram of a plurality of registers logic preferably includes a display controller for converting provided within the graphics processor FIG- 1; rendered data into video signals for a monitor. ...

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GRAPHIC SYSTEM COMPRISING A PIPELINED GRAPHIC ENGINE, PIPELINING ...

M Barone - US Patent App. 11/746,849, 2007 - Google Patents

... A motion compensation stage receives the interpolated frame signal from the motion encoder stage, and the full ... The 3D scene is displayed on a monitor by a bi-dimensional grid of pixels, each ... On the basis of such instructions, the 3D engine 110 generates at its output fully ...

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[\[PDF\]](#) **128-BIT 3D MULTIMEDIA ACCELERATOR**

[ortodoxism.ro \[PDF\]](#)

B DIAGRAM, KEY FEATURES - [ortodoxism.ro](#)

... 11.3.4 3D ENGINE VIDHESYNC O Horizontal sync supplied to the display monitor. No buffering is required. Signal I/O Description RED, GREEN, BLUE O RGB display monitor outputs. ...

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Work area transform in a graphical user interface

DA Matthews, CW Stabb, K Vedbrat, MR - US Patent App. 10/..., 2004 - Google Patents

... Real time, hardware-based 3D acceleration is now available to consumers at reasonable cost. ... of its characteristics set or changed in such a manner as to encode information in the signal. ... A monitor 184 or other type of display device is also connected to the system bus 121 via ...

[All 2 versions](#)

System and method for dynamic assistance in software applications using behavior ...

P Lui, Z Kopytnik - US Patent App. 11/387,456, 2006 - Google Patents

... multitasking, mul-timeda subsystem for two dimensional (2D) and real-time three-dimensional (3D) ... Event' 2218 Parser | Sequence Exception Resource Locator Dispatcher Handling /i 2209 i ^ 1 ... ISA Inspect Action L/OHGCuOn Header Normalize the Session Monitor Data Delete ...

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[\[PDF\]](#) **of Deliverable: Definition of the State of the Art**

[lematch.org \[PDF\]](#)

T Look - Computer Graphics, 1998 - [lematch.org](#)

... <http://goautochart.com/>) APS (Autochart Positioning System) is designed for racing events, such as ... the 3D model and joint angle graphs to eg the coach in real - time for performance ... ARTtrack (Advanced Realtime Tracking ART/Germany, [http://www.ar - tracking.de/](http://www.ar-tracking.de/)) ART offers a ...

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[\[BOOK\]](#) **Vintage Games: An Insider Look at the History of Grand Theft Auto, Super ...**

B Loguidice, M Barton - 2009 - [books.google.com](#)

... 39 ChapterB Doom (1993): The First-Person Shooter Takes Control 51 Chapter 6 Dune II: The Building of a Dynasty (1992): Spicing up Strategy in Real Time 65 Chapter ... Because this was an early software-based 3D engine, it does not move as quickly as gamers might expect. ...

[\[PDF\]](#) **New Mexico State University Department of Computer Science**

[psu.edu \[PDF\]](#)

WH Winkler - CiteSeer

... A script is typically triggered by events in the system, such as user interaction signals, timers, collisions ... spatial model of interaction, including third parties, regions and abstractions; and multiple users communicating via a combination of 3D graphics, real-time packet audio ...

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TATUS A Ubiquitous Computing Simulator

[tcd.ie \[PDF\]](#)

E O'Neill - 2004 - tara.tcd.ie

... UbiSim. 2.1.2 UbiSim Initially developed as QuakeSim the early goals were to produce context information in real- time using a semi-realistic environment. ... When a player enters a region of a map occupied by a trigger the associated event is activated eg a door is opened. ...

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[PDF] [The Current State of Human-Level Artificial Intelligence in Computer ...](#)

[virginia.edu \[PDF\]](#)

DE Sidran, J Kearney - Computer, 2004 - cs.virginia.edu

... 24 Pathfinding, Strategic, Tactical, and Terrain Analysis: A Look at Artificial Intelligence in Real Time Strategy Games. Fisher (2001) 26 ... 39 Realtime Initialization of Planning and Analysis Simulations Based on C4ISR System Data. Furness; Isensee; Fitzpatrick (2002) 40 ...

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[Selective Rendering for High-Fidelity Graphics for 3D Maps on Mobile Devices](#)

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MEC Bessa - 2007 - repositorio.utad.pt

... intuitive interface. However, in order to manage the creation of 3D maps and ren- der them in real time, one needs to understand several different areas including the Human Visual System (HVS), computer graphics and mobile devices. This chapter ...

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H Kamio - Citeseer

... System Solutions • SoC Hard Disk Drive Controller R&D — Latest Technology • Video Signal Processing ICs ... LCDs, displays that can show maps big enough to see real-time traffic congestion ... performance displays can show the picture from a back-up monitor camera, helping ...

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M Nybacka - Citeseer

... How can real-time vehicle dynamic simulation and use of real-time visualization support vehicle testing ... or "why" questions are being posed, when the investigator has little control over events, and when ... As well, study visits to test facilities to monitor the current test procedure will ...

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[BATTERY-POWERED DEVICE WITH REDUCED POWER CONSUMPTION AND ...](#)

A Balatsos, K O'Neil, G Sadowski - US Patent App. 11/469,326, 2006 - Google Patents

... These triggering events may be useful for conserving battery power, however, each is reactive rather than ... The general purpose I/O 68, in turn may generate the power supply set signal 106 ... of several portions of the processor 15, such as the 2D engine 52, the 3D engine 54, and ...

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[BOOK] [Video games and interactive media: a glimpse at new digital entertainment](#)

S Natkin - 2006 - books.google.com

... There have already been several attempts to use real-time events (sports, variety shows, and

even political events) broadcast through ... only practical relation that video games have with video is in the nature of the signal transmitted between the con-sole and the monitor ...

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Navigation and Control of an Autonomous Vehicle

vt.edu [PDF]

J.J. Schwoerer - 2005 - scholar.lib.vt.edu

... Not every event or situation can be planned for ... Also, underwater vehicles are not able to receive GPS signals once submerged and their methods of communication are ... Not only can one schedule when Robomower mows the lawn, but Robomower will also monitor its battery ...

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VIDEO DECODER WITH REDUCED POWER CONSUMPTION AND METHOD

G Sadowski, G Jacobs, P Chow - US Patent App. 11/469,335, 2006 - Google Patents

... These triggering events may be useful for conserving battery power, however, each is reactive rather than ... The general purpose I/O 68, in turn may generate the power supply set signal 106 of several portions of the processor 15, such as the 2D engine 52, the 3D engine 54, and ...

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[PDF] An Approach to Simula Vehicles in Intense

up.pt [PDF]

M. Cordero Figueiredo - paginas feitas por mim

... Although the signal returned is usually very weak, the signal can be amplified. ... Figure 2.1 Stanford's simulator replaying data from the Urban Challenge final event [26] 2.3.2.2 – Robotic Simulators Comparison ... enough to allow real-time simulation of real applications ...

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[PDF] VERY RAPID SOFTWARE-DESIGN PROTOTYPING WITH INTERACTIVE ...

uch.gr [PDF]

P PAPADAKOS - csd uch gr

... 34 Monitor-based-orFish-tank and Cain [22] have utilized the cards for capturing the essential aspects of organizational modelling. 2.1.2 Example of a CRC design Figure 2.2 shows the design of the open source, scene flexible 3D engine OGRE3.0[4]. This CRC card ...

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ppf1 Applications to Synthetic and Peripheral Vision Display Systems for Manned ...

ohiolink.edu [PDF]

B.I Poonawalla - 2007 - ohioLINK.edu

... Aviation (GA). In the event of low visibility, maintenance of spatial awareness is a ... Figure 11: So Video Camera Used to Monitor Pilot Eye Movements.....47 ... Inputs from these navigation sensors are then processed by a QNX enabled real time processing ...

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Live-Action Image Capture

S.Morin, P.Vimont - 2009 - freepatentsonline.com

... videogame player over the internet. In other aspects, using the position and orientation to affect a real-time display comprises changing a first-person view on the videogame player's monitor. In other aspects, using the position

[PDF] Subgames in Massively Multiplayer Online Games

[mcgill.ca \[PDF\]](#)

MA Hawker - 2008 - gram.cs.mcgill.ca

... and organization of the Orbis gaming event which spawned the notion of subgames in Mammoth. ...
are not "efficient" enough for the real-time nature of modern computer games [22]. ... to be moving in
realtime, while in reality network messages are lagging slightly behind. ...

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Jim Bliniris Corner

D Pixels - Life - ieeexplore.ieee.org

... steps. Gamma The display hardware takes the 8-bit value and changes it into a
proportional voltage to send to the monitor. The voltage is $V = 1/255$. Life gets more
complicated when the monitor gets hold of the voltage. The ...

[PDF] EndoView: a System for Fast Virtual Endoscopic Rendering and Registration

[psu.edu \[PDF\]](#)

C und Algorithmen, D Wagner - Citeseer

... 3.2.1 Polhemus Fastrack and Stylus The Polhemus Fastrack allows a dynamic real time six
degree-of-freedom measurement ... In front of each eye is a tiny monitor. Because ... Since almost every
display system uses an RGB signal, this is the most common form of image output, ...

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[PDF] Integration of Physical and Psychological Stress Factors into a VR-based ...

[fh-bonn-rhein-sieg.de \[PDF\]](#)

D Scherfgen - sozialversicherung.fh-bonn-rhein- ...

... The visualization is based on a well proven 3D engine and features a flexible
rendering approach that ... 32 4.3.2 Events 32 ... But unlike those, an interactive
simulator has to react to user inputs and respond in real-time. ...

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[PDF] PlayPhysics: Emotional Games Learning Environment for Teaching Physics

[ulst.ac.uk \[PDF\]](#)

KCM Esquivel, M Sc - infm.ulst.ac.uk

... In attaining this objective physiological signals, body language, facial gestures, prosodic and
acoustic ... of this research project proposal are, a representation of interaction events and a ... and
interaction through following the performance of the student in real time, using task ...

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[PDF] ThreeDness: a framework for the creation of customizable 3D awareness ...

[psu.edu \[PDF\]](#)

F Nunnari - Citeseer

... In current widget libraries, the mouse position is provided as a sequence of events expressing
delta ... non-WIMP is used by Jacob to refer to an interface rendered through the use of a real-time
3D engine. ... x_2, y_2). It should be a task of the widget library to monitor the value of ...

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9 In last November's column, we looked at real-time interactive storytelling, and in ...

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... Page 24. 15 engines produce real-time rendering often by using the OpenGL API (Application active), autostereoscopic displays, HMDs, binocular omni-orientation monitor (BOOM), CAVE and ImmersaDesk. ... 20 infrared signal to provide the correct viewpoint for each eye. ...

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... Task domain Problem solving in a high-school algebra course Expert performance can be characterized as following a specific path for a given maze that ensures all pellets are eaten without Pacman being eaten. Knowledge of the geographical locations of figures and events. ...

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... For example, within a chemical plant a DCS might simultaneously monitor the temperature of a ... the rate at which reactants were mixed together, while performing real time process optimisation ... installed or the firewall configuration or weak or unverified; • System event logs not ...

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... Mouse, Joystick, Stylus, Space Ball, etc.) 3. Display Hardware (VR Device, Display Monitor, Touch Screen ... Hard Copy Input' C one or more devices i signal form such a . System Buses ... Number of consecutive times to play each production file on occurrence of the event, whether to ...

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... Pixy is a high-level 3D graphics toolkit for developing cross-platform real-time 3D visualization and visual simulation software; Pixy's properties and features are eg ... of computer screens by opening the jalouse of my window (and forcing me to look out of my then monitor-lit room ...

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... This results in a wall-sized display with about the same resolution as a normal monitor. ... in addition to just keeping all participants loaded with useful work, a game domain application also requires low latency to allow real time operation. ... No central system for event scheduling or ...

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